

Year-End Performance Report March 2006

A Summary of Maintenance Activity Storm Water Compliance Reviews

(July 2004 though June 2005)



CTSW-RT-05-135,136.02,02.1

**Caltrans Environmental Program
Division of Environmental Analysis
Sacramento, California**

TABLE OF CONTENTS

1.0	INTRODUCTION	1
2.0	MAINTENANCE ACTIVITY COMPLIANCE PROGRAM.....	1
2.1	Maintenance Activity BMPs	1
2.2	Activity Inspections	2
2.2.1	Review Criteria and Checklist	2
2.2.2	Rating System	3
2.3	Reporting and Communications.....	3
2.3.1	Status Reports	3
2.3.2	Database Summary	3
2.3.3	On-Site Training	4
3.0	SUMMARY OF MAINTENANCE ACTIVITY COMPLIANCE INSPECTIONS AND STORM WATER MANAGEMENT BEST MANAGEMENT PRACTICE (BMP) EFFECTIVENESS	4
3.1	Activity Inspection Results By District.....	4
4.0	MAINTENANCE ACTIVITY COMPLIANCE INSPECTION ASSESSMENTS AND TRENDS	4
4.1	Family A - Flexible Pavement	4
4.2	Family B - Rigid Pavement.....	5
4.3	Family C - Slope/Drain/Vegetation.....	5
4.4	Family D - Litter/Debris/Graffiti.....	5
4.5	Family E - Landscaping	5
4.6	Family F - Environmental	5
4.7	Family H - Bridges.....	5
4.8	Family J – Other Structures.....	5
4.9	Family K – Electrical	6
4.10	M Family - Traffic Guidance	6
4.11	R Family – Snow and Ice Removal.....	6
4.12	S Family - Storm Maintenance	6
5.0	SUMMARY OF COMPLIANCE ASSISTANCE.....	6

LIST OF TABLES

Table 1	Family of Activities and Description	2
Table 2	Compliance Review Activity Ratings Summary - By District.....	4
Table 3	Compliance Review BMP Ratings Summary -By Family of Activity	8

ATTACHMENTS

ATTACHMENT A	Database Summary
ATTACHMENT B	Maintenance Activity Compliance Review Rating Guidelines and Procedures
ATTACHMENT C	Maintenance Activity Storm Water Compliance Review Checklist

1.0 INTRODUCTION

The *Year-End Performance Report – October 2005* summarizes the storm water compliance reviews conducted at the California Department of Transportation (Department) maintenance activities performed under Contract No. 43A0135 and 43A0136 from July 2004 through June 2005. The storm water inspections were conducted to verify compliance with the requirements of the Department's currently approved *Statewide Storm Water Management Plan (SWMP)*, which was developed in accordance with the water pollution control requirements of the *National Pollutant Discharge Elimination System (NPDES) Permit for Storm Water Discharges from the State of California, Department of Transportation (Caltrans) Properties, Facilities, and Activities (Order No. 99-06-DWQ), Permit No. CAS000003 (Caltrans Permit)*.

The key elements of this Year-End Performance Report include:

- Description of the storm water maintenance activity compliance program (Section 2.0).
- Summary of maintenance activity compliance inspections and storm water management Best Management Practice (BMP) effectiveness (Section 3.0).
- Maintenance activity compliance inspection assessments and trends (Section 4.0).

2.0 MAINTENANCE ACTIVITY COMPLIANCE PROGRAM

The Maintenance Activity Compliance Program is an effort of the Department's Environmental Program to inspect maintenance activities for storm water compliance. Inspections were conducted by the Maintenance Facility Compliance Review Team consisting of District Maintenance Storm Water Coordinators, Headquarters Division of Maintenance staff, and third party (consultant) inspectors. The inspections were conducted in accordance with the Department's approved *Annual Maintenance Activity Compliance Review Plan (AMACRP)*, and in consultation and coordination with the Department's Environmental Program Division and Maintenance Division.

The key component of the Storm Water Maintenance Activity Compliance Program includes the development of the Caltran's Maintenance Staff Guide. The Caltran's Maintenance Staff Guide is a Maintenance employee handbook that incorporates the approved Maintenance BMPs presented in the SWMP, and provides direction, guidance, policies and procedures for maintenance activities. In addition, Storm Water Maintenance Activity Compliance Program included the following:

- Development of a storm water inspection program based on the BMPs identified in the Caltran's Maintenance Staff Guide, including an activity inspection checklist and a rating system.
- Development of reporting of inspection results, communication with Maintenance and Headquarters staff, and on-site training.

2.1 MAINTENANCE ACTIVITY BMPs

There are over 50 maintenance activities identified in the Caltran's Maintenance Staff Guide. These maintenance activities are grouped into twelve Families of Activities that represent work of a similar nature. These Families of Activities are identified in Table 1.

BMPs that are commonly applied to all maintenance activities, are defined as General BMPs.

Table 1
Family of Activities and Description

Family of Activity	DISCRIPTION
General BMPs	BMPs generally applicable to all maintenance activities, such as scheduling, spill prevention and control, sanitary/septic waste management, material use, vehicle/equipment cleaning, fueling, and maintenance, illicit connection, illegal spill discharge control, and housekeeping
A Family - Flexible Pavement	Asphalt Cement Crack and Joint Grinding/Sealing; Asphalt Paving; Structural Pavement Failure (Digouts) Pavement Grinding/Paving; Emergency Pothole Repair; and Sealing Operations
B Family - Rigid Pavement	Portland Cement Crack and Joint Sealing; Mudjacking and Drilling; and Concrete Slab/Spall Repair
C Family - Slope/Drain/Vegetation	Shoulder Grading; Nonlandscape Chemical Vegetation Control; Nonlandscape Mechanical Vegetation Control/Mowing; Nonlandscape Tree/Shrub Pruning, Brush Chipping, Tree/Shrub Removal; Fence Repair; Drainage Ditch/Channel Maintenance; Drain/Culvert Maintenance, and Curb/Sidewalk Repair
D Family - Litter/Debris/Graffiti	Sweeping Operations; Litter and Debris Removal; Emergency Response and Cleanup Practices; and Graffiti Removal
E Family - Landscaping	Chemical Vegetation Control; Manual Vegetation Control; Landscape Mechanical Vegetation Control/Mowing; Landscape Tree/Shrub Pruning, Brush Chipping, Tree/Shrub Removal; Irrigation Line Repair; and Irrigation
F Family - Environmental	Storm drain stenciling; Roadside Slope Inspection; Roadside Stabilization; Storm Water Treatment Devices; and Traction Sand Trap Devices
H Family - Bridges	Welding and Grinding; Sandblasting, Wet Blast (sand injection) and Hydroblasting; Painting; Bridge Repairs, and Draw Bridge Maintenance
J Family - Other Structures	Pump Station Cleaning; Tube and Tunnel Maintenance and Repair; Ferryboat Operations, Tow Truck Operations, and Toll Booth Lane Scrubbing Operations
K Family - Electrical	Sawcutting for Loop Installation
M Family - Traffic Guidance	Thermoplastic Stripping and Marking; Paint Stripping and Marking; Raised/Recessed Pavement Marker Application and Removal; Sign Repair and Maintenance; Median Barrier and Guard Rail Repair; and Emergency Energy Attenuator Repair
R Family - Snow and Ice Removal	Snow Removal, and Ice Removal
S Family - Storm Maintenance	Minor Slides and Slipouts Cleanup/Repair

2.2 ACTIVITY INSPECTIONS

The Team inspected approximately 20 individual maintenance activities in each District, for a total of 216 inspections. The selection process for the activities to be inspected was based on geographical location (to target 20 activities in each District) and specific types of activities. The activity inspections focused on proper implementation of General BMPs and the BMPs associated with the twelve Families of Activities identified in Table 1. The Database Summary (Attachment A) identifies the maintenance activities that were inspected during the reporting period.

2.2.1 Review Criteria and Checklist

To maintain compliance with the SWMP, Caltrans developed and implemented *Maintenance Activity Compliance Guidelines and Procedures* (Attachment B) and a standardized *Maintenance Activity Storm Water Compliance Inspection Checklist* (Attachment C) for all activity inspections. These procedures and checklist were developed in consultation with the Department's Environmental Program Division and Maintenance Division to evaluate the overall effectiveness of storm water pollution prevention

practices, implementation of those practices, and the potential for pollutant discharge for maintenance activities.

During the inspection, the inspector rated the compliance status of the activity and documented the results using the *Maintenance Activity Storm Water Compliance Inspection Checklist* and assigns a rating that represents an overall assessment of the activity's compliance with storm water pollution prevention requirements. A copy of the completed checklist was submitted and reviewed with the supervisor, DMSWC, and/or designated representative.

2.2.2 Rating System

During a compliance review, the inspector assigns a rating that represents an overall assessment of the activity's compliance with storm water pollution prevention requirements. The rating consists of a numeric component (1 through 4) and a letter component (A, B, C) as defined in the *Maintenance Activity Compliance Review Rating Guidelines and Procedures* presented in Attachment C, and as summarized below:

Numeric Rating Summary	
1	The activity is in compliance with Storm Water Management Plan (SWMP) requirements
2	Minor deficiencies noted. The activity is in compliance with SWMP requirements
3	Major deficiency noted that require prompt correction.
4	Critical deficiency noted that require immediate correction
Letter Rating Summary	
A	Overall implementation of BMPs is highly effective.
B	Overall implementation of BMPs is moderately effective.
C	Major and critical deficiencies in the overall implementation of BMPs.

Activities that received a numeric rating of 1 or 2 are considered to be in compliance with the SWMP. A letter rating of A or B indicates that the facility's water pollution control effort is effective. In contrast, a numeric rating of 3 or 4 indicates the need for additional training, and a letter rating of C indicates that the activity's water pollution control effort is ineffective. If an activity received a 3 or 4 rating, additional training was recommended. The additional training was documented on a BMP Tailgate Meeting Form.

2.3 REPORTING AND COMMUNICATIONS

Throughout the reporting period, on-going communications were maintained with Headquarters personnel about program activities and results. In addition, monthly status reports were submitted to Headquarters staff and the DMSWCs to summarize inspection activity by District and to identify program issues and major or critical deficiencies.

2.3.1 Status Reports

The Team prepared monthly status reports that were submitted to Headquarters staff. Each status report provided a list of District maintenance activities inspected, a summary of inspection results, and general deficiencies observed by Team inspectors in the field.

2.3.2 Database Summary

A database summary was maintained to make inspection results and other useful information readily available to Headquarters staff, and Team members. The database includes Family of activity inspected, reference information such as maintenance activity location, supervisor/lead worker and Maintenance Facility assigned, and contact information; overall activity BMP ratings, and completed Review Checklists.

2.3.3 On-Site Training

Informal on-the-job training occurred during inspections to provide immediate site-specific guidance to facility supervisors and maintenance staff. The inspection schedule allots sufficient time for the inspector to discuss observations with the facility supervisor, DMSCW, or designated representatives.

3.0 SUMMARY OF MAINTENANCE ACTIVITY COMPLIANCE INSPECTIONS AND STORM WATER MANAGEMENT BEST MANAGEMENT PRACTICE (BMP) EFFECTIVENESS

This section summarizes the inspection results and BMP implementation results of the 216 storm water compliance inspections that were conducted statewide from July 2004 through June 2005. A detailed list of results is provided in the Database Summary (Attachment A)

3.1 ACTIVITY INSPECTION RESULTS BY DISTRICT

Table 2 summarizes numeric and letter ratings by District of the 216 inspections. Numeric rating data in Table 2 shows the following:

- 207 activities (96 percent) received a rating of 1 or 2.
- 7 activities (3 percent) received a 3 rating.
- 2 activities (1 percent) received a 4 rating.

Letter rating data show the following:

- 159 activities (74 percent) were rated A.
- 50 activities (23 percent) were rated B.
- 7 activities (3 percent) were rated C.

Table 3 summarizes the numeric and letter ratings for BMP effectiveness for all 12 Families of Activities.

4.0 MAINTENANCE ACTIVITY COMPLIANCE INSPECTION ASSESSMENTS AND TRENDS

This section summarizes overall BMP implementation and effectiveness trends observed during the reporting period. The overall status of storm water management compliance and BMP implementation is in compliance with the SWMP.

Overall improvements observed include a better understanding by Maintenance personnel of water pollution control requirements and proper BMP implementation through continued formal training (classroom), and informal training (BMP tailgate meeting, storm water reviews/inspections, etc.)

4.1 FAMILY A - FLEXIBLE PAVEMENT

Flexible Pavement activities consists of asphalt cement crack and joint grinding/sealing; asphalt paving; structural pavement failure (digouts) pavement grinding/paving; emergency pothole repair; and sealing operations. Overall ninety-three percent (93%) of Flexible Pavement BMPs were in compliance with the SWMP.

Implementation of Flexible Pavement BMPs may be improved in the following area(s):

- **Sweeping:** Review of some structural pavement failure (digouts) pavement grinding/paving activities, residual asphalt grindings that were swept with a “kick broom” or “pull broom” were

swept or blown into adjacent drainage paths or drains/culverts. Additional care should be taken to avoid sweeping any material into drainage paths or drains/culverts.

4.2 FAMILY B - RIGID PAVEMENT

Rigid Pavement activities consist of Portland cement crack and joint sealing; mudjacking and drilling; and concrete slab/spall repair. Overall one-hundred percent (100%) of Rigid Pavement BMPs were in compliance with the SWMP.

4.3 FAMILY C - SLOPE/DRAIN/VEGETATION

Slope/Drain/Vegetation activities consists of shoulder grading; nonlandscape chemical vegetation control; nonlandscape mechanical vegetation control/mowing; nonlandscape tree/shrub pruning, brush chipping, tree/shrub removal; fence repair; drainage ditch and channel maintenance; drain and culvert maintenance; and curb/sidewalk repair. Overall ninety-two percent (92%) of Slope/Drain/Vegetation BMPs were in compliance with the SWMP.

Implementation of Slope/Drain/Vegetation BMPs may be improved in the following area(s):

- **Mechanical vegetation control/mowing:** Review of some mechanical vegetation control/mowing activities, clippings were observed in or adjacent to drainage paths or drains/culverts. Additional care should be taken to remove clippings from and protect drainage paths or drains/culverts.

4.4 FAMILY D - LITTER/DEBRIS/GRAFFITI

Litter/Debris/Graffiti activities consist of sweeping operations; litter/debris removal; emergency response and cleanup practices; and graffiti removal. Overall one-hundred percent (100%) of Litter/Debris/Graffiti BMPs were in compliance with the SWMP.

4.5 FAMILY E - LANDSCAPING

Landscaping activities consists of chemical vegetation control; manual vegetation control; landscape mechanical vegetation control/mowing; landscape tree/shrub pruning, brush chipping, tree/shrub removal; irrigation line repair; and irrigation. Overall one-hundred percent (100%) of Landscaping BMPs were in compliance with the SWMP.

4.6 FAMILY F - ENVIRONMENTAL

Environmental activities consists of storm drain stenciling; roadside slope inspection; roadside stabilization; storm water treatment devices; and traction sand trap devices. Overall one-hundred percent (100%) of Environmental BMPs were in compliance with the SWMP.

4.7 FAMILY H - BRIDGES

Bridge Maintenance activities consists of welding and grinding; sandblasting, wet Blast (sand injection) and hydroblasting; painting; bridge repairs, and draw bridge maintenance. Overall one-hundred percent (100%) of Bridge Maintenance BMPs were in compliance with the SWMP.

4.8 FAMILY J – OTHER STRUCTURES

Structure Maintenance Activities consists of pump station cleaning; tube/tunnel maintenance and repair; ferryboat operations, tow truck operations, and toll booth lane scrubbing operations. Overall one-hundred percent (100%) of Structure Maintenance BMPs were in compliance with the SWMP.

4.9 FAMILY K – ELECTRICAL

Electrical Maintenance Activities consists of saw cutting for loops. There were no activity inspections conducted for Electrical Maintenance activities during this reporting period.

4.10 M FAMILY - TRAFFIC GUIDANCE

Traffic Guidance Activities consists of thermoplastic stripping/marketing; paint stripping/marketing; raised/recessed pavement marker application/removal; sign repair/maintenance; median barrier and guard rail repair; and emergency energy attenuator repair. Overall one-hundred percent (100%) of Traffic Guidance BMPs were in compliance with the SWMP.

4.11 R FAMILY – SNOW AND ICE REMOVAL

BMPs for Snow and Ice Removal Activities were one-hundred percent (100%) in compliance with the SWMP.

4.12 S FAMILY - STORM MAINTENANCE

Storm Maintenance Activities consists of minor slides and slipouts cleanup/repair. Overall one-hundred percent (100%) of Storm Maintenance BMPs were in compliance with the SWMP.

5.0 SUMMARY OF COMPLIANCE ASSISTANCE

This section summarizes the compliance assistance requested by the District Maintenance Storm Water Coordinators for assistance under Contract Numbers 43A0133 and 43A0134 (third party consultant) in complying with the requirements of the Department's currently approved *Statewide Storm Water Management Plan (SWMP)* for maintenance activities from July 2004 through June 2005.

No compliance assistance was requested for this reporting period.

Table 2
Compliance Review Activity Ratings Summary – By District
July 2004 – June 2005

Numeric Ratings Summary									
District	No. of Activities Reviewed								
		No Deficiencies		Minor Deficiencies		Major Deficiencies		Critical Deficiencies	
		1 Rating		2 Rating		3 Rating		4 Rating	
1	15	5	33%	8	54%			2	13%
2	11	7	64%	2	18%	2	18%		
3	13	11	85%	2	15%				
4	19	17	89%	2	11%				
5	19	13	68%	3	16%	3	16%		
6	22	19	86%	3	14%				
7	24	17	71%	6	25%	1	4%		
8	18	14	78%	3	17%	1	5%		
9	16	16	100%						
10	19	14	74%	5	26%				
11	20	18	90%	2	10%				
12	20	18	90%	2	10%				
TOTAL	216	169	78%	38	18%	7	3%	2	1%

Letter Rating Summary							
District	No. of Activities Reviewed	Highly Effective		Moderately Effective		Ineffective	
		A Rating		B Rating		C Rating	
1	15	3	20%	9	60%	3	20%
2	11	6	55%	3	27%	2	18%
3	13	8	62%	5	38%		
4	19	10	50%	9	50%		
5	19	13	68%	6	32%		
6	22	22	100%				
7	24	21	88%	2	8%	1	4%
8	18	15	83%	2	11%	1	6%
9	16	16	100%				
10	19	9	47%	10	53%		
11	20	19	95%	1	5%		
12	20	18	90%	2	10%		
TOTAL	216	159	74%	50	23%	7	3%

Table 3
Compliance Review BMP Ratings Summary – By Family of Activity
July 2004 – June 2005

Numeric Rating Summary									
Family of Activity	No. of Activities per Family	Compliant				Non-Compliant			
		Substantially Compliant		Minor Deficiencies		Major Deficiencies		Critical Deficiencies	
		1 Rating		2 Rating		3 Rating		4 Rating	
A Family - Flexible Pavement	37	30	81%	4	11%	2	5%	1	3%
B Family - Rigid Pavement	4	3	75%					1	25%
C Family - Slope/Drain/Vegetation	60	43	72%	12	20%	4	6%	1	2%
D Family -Litter/Debris/Graffiti	21	17	81%	4	19%				
E Family – Landscaping	44	34	77%	10	23%				
F Family – Environmental	2	2	100%						
H Family – Bridges	3	2	67%	1	33%				
J Family - Other Structures	1	1	100%						
K Family – Electrical	0								
M Family - Traffic Guidance	27	22	81%	5	19%				
R Family – Snow and Ice Removal	11	11	100%						
S Family - Storm Maintenance	5	3	60%	2	40%				

Letter Rating Summary							
Best Management Practices Category	No. of Activities per Family	Highly Effective		Moderately Effective		Ineffective	
		A Rating		B Rating		C Rating	
A Family - Flexible Pavement	38	28	74%	8	21%	2	5%
B Family - Rigid Pavement	4	3	75%			1	25%
C Family - Slope/Drain/Vegetation	60	40	67%	17	28%	3	5%
D Family -Litter/Debris/Graffiti	21	15	71%	6	29%		
E Family – Landscaping	44	31	70%	13	30%		
F Family – Environmental	2	2	100%				
H Family – Bridges	3	1	33%	2	67%		
J Family - Other Structures	1	1	100%				
K Family – Electrical	0						
M Family - Traffic Guidance	26	24	92%	2	8%		
R Family – Snow and Ice Removal	11	11	100%				
S Family - Storm Maintenance	5	3	60%	1	20%	1	20%

ATTACHMENT A

Database Summary

July 1, 2004 - June 30, 2005

District	Location	Family	Description	Rating	Assigned Facility	Date
1	Hwy 101 (southbound) @ Meyers Flats	A	Structural Pavement Failure (Digouts) Pavement Grinding and Paving	4C	Garberville	25-May-05
1	Hwy 128 @ pm 4.0 in Navarro State Park	S	Minor Slides and Slipouts Cleanup/Repair	2B	Boonville	26-May-05
1	Hwy 299	S	Screening Slide Material	2C	Willow Creek	02-Nov-04
1	Hwy 199 @ PM 13.68	C	Emergency Tree Removal	2B	Idlewild MS	03-Nov-04
1	Hwy 36 @ PM 7	A	Structural Pavement Failure (Digouts) Pavement Grinding and Paving	1B	Bridgeville	24-May-05
1	Hwy 101 between PM 68 and 70	C	Nonlandscape Mechanical Vegetation Control/Mowing	2B	Fortuna	24-May-05
1	Hwy 101 (southbound) @ Meyers Flat	C	Nonlandscape Mechanical Vegetation Control and	4C	Garberville	25-May-05
1	Hwy 20 at various locations in Clearlake	A	Pothole Repair	1A	Lakeport	27-May-05
1	Hwy 101 and Hwy 271 through Legget and Legget M.S.	D	Sweeping Operations	1A	Ukiah Special Crews	05-Nov-04
1	Hwy 271 @ PM 4.0	C	Drainage Ditch and Channel Maintenance	2B	Leggett	25-May-05
1	Hwy 20 @ PM 20 to 24.3	C	Shoulder Grading	2B	Willits MS	04-Nov-04
1	Hwy 101 Southbound @ Sinley Bridge	A	Asphalt Paving	2B	Fortuna MS	04-Nov-04
1	Hwy 101 @ Gobbi St, Ukiah	E	Landscape Mechanical Vegetation Control/Mowing	2B	Ukiah	26-May-05
1	Hwy 1 (northbound) @ Pudding Creek Bridge	C	Drainage Ditch and Channel Maintenance	1A	Fort Bragg	25-May-05
1	Hwy 1 @ PM 24 in Irish Beach	A	Asphalt Paving (overlay)	1B	Manchester	26-May-05
2	Hwy 299 @ PM 1.39 East of Adin	A	Sealing Operations	1B	Adin	14-Jun-05
2	Eastbound Hwy 44 to southbound Interstate 5 Interchange	E	Manual Vegetation Control	1A	Redding	16-Jun-05
2	Interstate 5 @ PM 34	A	Structural Pavement Failure (Digouts) Pavement Grinding and Paving	2A	Redding	16-Jun-05
2	Hwy 70 @ PM 2.5	C	Tree and Shrub Pruning, Brush Chipping, Tree and Shrub Removal	3C	Pulga	15-Jun-05
2	Interstate 5 @ Cypress Street Northbound on-ramp.	C	Drain and Culvert Maintenance	1B	Red Bluff Special Crews	21-Oct-04
2	Hwy 299 @ PM 4.0	E	Landscape Tree & Shrub Pruning, Brush Chipping & Tree/Shrub Removal	1A	Weaverville MS	18-Oct-04
2	Interstate 5 Southbound @ Cypress Street	E	Interstate 5 Southbound @ Cypress Street	1A	Redding Landscape	18-Oct-04
2	Hwy 36 @ PM 11	A	Structural Pavement Failure (Digouts) Pavement Grinding and Paving	3C	Chester	15-Jun-05

2	Hwy 299 @ PM 79.5 west of Burney	A	Structural Pavement Failure (Digouts) Pavement Grinding and Paving	2B	Burney	14-Jun-05
2	Interstate 5 north of Redding	E	Landscape Mechanical Vegetation Control/Mowing	1A	Red Bluff	14-Jun-05
2	Hwy 299 (eastbound) at Douglas City	C	Fence Repair	1A	Redding MS	18-Oct-04
3	Hwy 20 @ PM23	A	Asphalt Cement Crack and Joint Sealing	1A	Nevada City	20-Apr-05
3	Hwy 70 @ Ramirez Road (PM 24)	C	Shoulder Grading	1B	Marysville MS	30-Nov-04
3	Hwy 113 Knight's Landing Draw Bridge	H	Draw Bridge Repair	1B	Marysville Bridge Crew	29-Nov-04
3	Interstate 5 @ County Road 2 Over-crossing	C	Sink Hole Repair	1A	Woodland MS	29-Nov-04
3	Hwy 160 westbound @ Northgate on-ramp	D	Sweeping Operations	2B	West Sacramento	20-Apr-05
3	Hwy 99 southbound @ Calvine Road	C	Fence Repair	1A	West Sacramento	21-Apr-05
3	Hwy 50 @ PM 50.97	C	Drain and Culvert Maintenance,	1A	Marysville MS	18-Apr-05
3	Interstate 80 Eastbound @ Donner Summit	M	Raised/Recessed Pavement Marker Application and Removal	1A	Kingvale	20-Apr-05
3	Hwy 160 westbound at American River Bridge	B	Structural Pavement Failure (Digouts) Pavement Grinding and Paving;	1A	Northgate	20-Apr-05
3	Hwy 99 Southbound @ PM 25	E	Landscape Mechanical Vegetation Control/Mowing	2B	Marysville	20-Apr-05
3	Hwy 174 @ PM 6.5	E	Landscape Tree and Shrub Pruning, Brush Chipping, Tree and Shrub Removal	1A	Marysville	21-Apr-05
3	Interstate 80 @ Elm Street, Arburn, Ca	C	Nonlandscape Tree and Shrub Pruning, Brush Chipping, Tree and Shrub Removal	1B	Nevada City	21-Apr-05
3	Interstate 80 eastbound at Perryn Raod onramp	E	Chemical Vegetation Control	1A	Roseville	21-Apr-05
4	Hwy 101 Northbound @ Capital Expressway	E	Chemical VegetationControl	1B	San Jose -South	17-Mar-05
4	Hwy 280 southbound @ Eastmoor Ave	D	Litter removal by probation crew	1A	South San Francisco	15-Mar-05
4	Hwy 1 @ PM 39.9	D	Removing soil/rock illegally dumped on right of-way	2B	Half Moon Bay	15-Mar-05
4	Hwy 880 Northbound @ Montague Ave	C	Nonlandscape Mechanical Vegetation Control/Mowing	1B	San Jose - South	17-Mar-05
4	Hwy 101 Southbound @ Elise Street	C	Drain Cleaning with Vactor	1B		17-Mar-05
4	Hwy 680 Southbound @ King Road off-ramp	E	Landscape Tree and Shrub Pruning/Removal	1B	Milpitas	17-Mar-05
4	Queens Lane in front of San Jose-South Maintenance Station	D	Litter Removal by Probation Crew	1B	San Jose - South	17-Mar-05
4	Hwy 24 off-ramp at South Main Street	M	Sign Repair	1A	29th Avenue MS	31-Jan-05
4	Northbound Interstate 680 at Bernal Avenue	M	Raised Pavement Marker Application	1A	29th Avenue MS	31-Jan-05

4	Hwy 12 (eastbound) at E Street off-ramp, Santa Rosa	A	Emergency Pothole Repair	1A	Sabastapol MS	04-Feb-05
4	Hwy 101 (southbound) at Yolanda Ave, Santa Rosa	E	Chemical Vegetation Control	1A	Santa Rosa Landscape Station	04-Jan-05
4	Hwy 92 east of San Mateo Bridge	C	Fence Repair	1A	San Leandro MS	09-Dec-05
4	Hwy 101 (southbound) at Seminary Drive, San Rafael	C	Fence Repair	1B	Petaluma Bridge MS	04-Feb-05
4	Hwy 24 (westbound) @ Pleasant Hill Road	C	Drain and Culvert Maintenance	1A	Walnut Creek West MS	13-Jan-05
4	Hwy 24 (westbound) @ Saint Stephenson Road	D	Sweeping Operations	2B	Walnut Creek West MS	13-Jan-05
4	Interstate 80 @ Dixon - various locations	M	Guard Rail Repair	1A	Fairfield MS	11-Jan-05
4	Pleasant Hill Road on-ramp to Westbound Hwy 24	E	Landscape Tree and Shrub Pruning	1B	Walnut Creek West MS	13-Jan-05
4	Hwy 280 / Hwy 101 Interchange	D	Sweeping Operations	1A		15-Mar-05
4	Interstate 80 (northbound) @ Appian Road	A	Asphalt Paving	1A	Hercules MS	13-Jan-05
5	Hwy 101 Southbound @ PM 57.6 in Monterey Co	C	Fence Repair	1A	Salinas South	28-Mar-05
5	Hwy 17 (eastbound) @ Pasatiempo Drive	D	Sweeping Operation	1A	Santa Cruz MS	24-Feb-05
5	Hwy 68 @ 17 Mile Drive	C	Drainage Ditch and Channel Maintenance	3B	Monterey MS	29-Mar-05
5	Hwy 198 @ PM 10	A	Structural Pavement Failure (Digouts) and Paving	1A	King City MS	29-Mar-05
5	Hwy 68 Eastbound @ Br 44-968	A	Pothole Repair	1A	Salinas MS	28-Mar-05
5	Hwy 101 Northbound @ Market Street Exit in Salinas	E	Manual Vegetation Control;	2B	Salinas landscape	28-Mar-05
5	Hwy 1 (northbound) @ Swift Road PM 19.70	C	Tree Removal	1B	Santa Cruz	14-Feb-05
5	Hwy 101 (northbound) @ Fairview Exit	E	Landscaped Tree and Shrub Pruning	1A	Salinas MS	12-Oct-04
5	Hwy 101 Northbound @ PM94.8 in Prunedale	C	Drainage Ditch and Channel Maintenance	3B	Salinas MS	28-Mar-05
5	NB 101 north of the Traffic Way Overhead	M	Repair damaged metal beam guard rail	1A	Templeton Maintenance	16-Mar-05
5	WB CA 46 @ US 101 heading west	C	Nonlandscape chemical vegetation control	1A	Templeton Maintenance	16-Mar-05
5	CA Highway 166 @ PM 47.2	A	Pavement Grinding	1A	Cuyama Maintenance	15-Mar-05
5	SB 101 @ PM 36.4-36	C	Nonlandscaped tree and shrub pruning	1A	San Luis Obispo	14-Mar-05
5	Cholame Creek Bridge	H	Repair bridge columns	2B	San Luis Obispo	13-Oct-04
5	SB 101 @ Green Gate Creek PM 36	M	Repair guard rail	2A	Santa Maria	13-Oct-04
5	Santa Maria River Bridge	D	Graffiti Removal	1A	Santa Maria	13-Oct-04
5	SB 101 north of Highway 1 exit in Lompoc	S	Slide Debris Removal	1A	Buellton Maintenance	15-Mar-05
5	EB CA 166 @ PM 49	A	Asphalt Concrete Paving	3B	Cuyama Maintenance	16-Mar-05
5	SB 101 @ PM 36.4-36	C	Nonlandscaped chemical vegetation control	1A	San Luis Obispo	14-Mar-05

6	NB 41 at Church Street	E	Chemical Vegetation Control	2A	Fresno-Pine Street maintenance	05-Jan-05
6	Shaver Lake Maintenance Yard	R	Snow Removal	1A	Shaver Lake Maintenance	05-Jan-05
6	Hungington Lake Maintenance Yard	R	Snow Removal	1A	Hungington Lake Maintenance	05-Jan-05
6	SB I-5 south of SR 41	D	Litter Removal	1A	Kettleman City Maintenance	05-Jan-05
6	SB I-5 south of SR 41	A	Pothole Repair	1A	Kettleman City Maintenance	05-Jan-05
6	NB 99 at PM 51	M	Place new sign	1A	Tulare Maintenance	06-Jan-05
6	CA 198 at 9th Street	D	Roadway Sweeping	1A	Leemoore Maintenance	06-Jan-05
6	CA 63 at PM 29.54	A	Pothole Repair	1A	Porterville Maintenance	06-Jan-05
6	NB 99 North of Manning	M	Repair Metal Beam Guard Rail	1A	Fresno-Pine Street Maintenance	06-Jan-05
6	CA 198 at Dooty Street OC	D	Pick up roadway trash	1A	Leemoore Maintenance	06-Jan-05
6	CA 63 at PM 4.2	J	Repair Pump Station	1A	Visalia Maintenance	06-Jan-05
6	Northbound CA 99 at Avenue 190	C	Chemical Vegetation Control	2A	Porterville Maintenance	17-May-05
6	Southbound CA 99 north of Kimberlina Road	D	Litter and debris removal	1A	Delano Maintenance	17-May-05
6	Southbound CA 99 north of Kimberlina Road	C	Nonlandscape Mechanical Vegetation Control/Mowing	1A	Delano Maintenance	17-May-05
6	Southbound CA 99 at Sherwood Avenue	M	Sign Repair and Maintenance	1A	Bakersfield Maintenance	17-May-05
6	West Avenue Maintenance Facility	A	Asphalt Paving	1A	West Avenue Maintenance	17-May-05
6	Eastbound CA 168 at PM 33.0	C	Nonlandscaping Mechanical Vegetation Control/Mowing	2A	Shaver Lake	18-May-05
6	Westbound CA 168 at PM 18.5	C	Shoulder Grading	1A	Pine Street Maintenance	18-May-05
6	Northbound CA 99 at Madera Avenue	E	Mechanical Vegetation Control	1A	Madera Maintenance	18-May-05
6	Eastbound CA 198 at 18th Avenue	E	Chemical Vegetation Control	1A	Leemoore Maintenance	18-May-05
6	Eastbound CA 198 at Road 80/Plaza Drive	E	Manual Vegetation Control	1A	Visalia	18-May-05
6	Eastbound CA 198 at 14th Avenue	D	Sweeping Operations	1A	Leemoore Maintenance	18-May-05
7	SB CA 1 @ PM 14.5	C	Roadside Mowing	1A	Sycamore maintenance	25-Jan-05
7	NB 101 @ PM 1.5 in Thousand Oaks	C	Fence Repair	1A	Moorpark Maintenance	25-Jan-05
7	EB 60 @ Azusa Blvd	A	Pothole repair	1A	Diamond Bar Maintenance	26-Jan-05
7	WB I-210 2 La Tuna Canyon off ramp	F	Storm Water Treatment	1A	Altadena maintenance	27-Jan-05
7	WB I-210 @ La Tuna Canyon off ramp	A	Asphalt Paving	2A	Altadena maintenance	27-Jan-05
7	WB I-210 @ La Tuna Canyon off ramp	B	Concrete and spall repair	1A	Altadena Maintenance	27-Jan-05
7	WB I-210 @ La Tuna Canyon off ramp	C	Nonlandscaped shrub removal-manual	1A	Altadena Maintenance	27-Jan-05
7	NB B710 @ Alondra Blvd	E	Weeding	1A	Pacific maintenance	07-Feb-05

7	SB I-5 @ Telegraph Road	E	Weeding	2A	Florence	07-Feb-05
7	NB I-5 @ NB 14 connector	B	Drilling	4C	59th Street Yard	09-Feb-05
7	SB 101 @ Las Virgenes Road off ramp	D	Litter Removal	1A	Tarzana Maintenance	09-Feb-05
7	NB Ca 23 @ Mynes Street	C	Shoulder grading	1A	Moorpark Maintenance	09-Feb-05
7	NB CA 14 @Oaks Springs undercrossing	M	Sign Replacement	1A	Chatsworth maintenance	09-Feb-05
7	CA 39 @ PM 29.78	C	Drainage channel and ditch maintenance	1A	Foothill Mountain Crew	10-Feb-05
7	SB 110 @ Olympic Blvd off ramp	E	Weeding	2A	Alameda maintneance	10-Feb-05
7	EB 210 @ Ocean View Blvd off ramp	E	Manual Vegetation Control	1A	Altadena Maintenance	06-Apr-05
7	WB CA 118 @ Sepulveda Off ramp	D	Trash Pick Up	1A	San Fernando maintenance	06-Apr-05
7	NB 110 @ 91 on ramp	E	Manual IVegetation Control	1A	Artesia Maintenance	06-Apr-05
7	NB 110 @ 91 on ramp	M	Sign Installation	2A	Commerce Maintenance	06-Apr-05
7	CA 118 @ PM 8.8	M	Repair Concrete median Barrier	2B	San Fernando Mainteance	06-Apr-05
7	NB CA 23 @ Janss Road off ramp	E	Manual Vegetation Control	1A	Moorpark maintenance	07-Apr-05
7	EB CA 60 @ Soto off ramp	E	Manual Vegetation Control	2B	Alameda Maintenance	07-Apr-05
7	WB I-10 @ I-10/I710 Carpool Exit	M	Replace Damaged Crash Array	1A	East Los Angeles Maintenance	07-Apr-05
7	Pico Avenue off ramp from WB I-10 to NB 110 connector	A	pothole Repair	1A	Alameda Maintenance	08-Apr-05
8	I 210 @ Citrus Avenue	D	Roadway Sweeping	1A	Magana/Ortega maintenance	07-Dec-04
8	NB I-15 @ I-10	M	Repair Metal Beam Guard Rail	1A	Magana/Ortega maintenance	07-Dec-04
8	WB I-10 @ Euclid on ramp	E	Manual Vegetation Control	2B	Upland maintenance	07-Dec-04
8	WB I-10 @ Euclid on ramp	C	Tree Trimming	1A	Magana/ Ortega maintenance	07-Dec-04
8	WB I-10 @ Riverside off ramp	E	Slope Repiar	1A	Magana/Ortega Maintenance	07-Dec-04
8	WB Fontana Rest Area	C	Fence Repair	1A	Magana/Ortega Maintenance	07-Dec-04
8	WB Highway 18 @ PM 103	C	Shoulder Grading	1A	Victorville Maintenance	08-Dec-04
8	NB I 215 south of Washington Street	C	Clean out existing DI	1A	Colton maintenance	08-Dec-04
8	SB I-215 @ 3rd Street	M	Replace Sign	1A	Magana/Ortega maintenance	08-Dec-04
8	NB CA 86S just south of Dillon Road off ramp	M	Repair Metal Beam Guard Rail	1A	Indio Maintenance	03-May-05
8	CA 79 @ Newport Street	E	Mowing	1A	Hemet Maintenance	04-May-05
8	EB I-10 @ PM 28.25	C	Chemical Vegetation Control	3C	Slover Maintenacne	04-May-05
8	EB CA 74 @ PM 71	E	Tree Removal	1A	Keen Camp Maintenance	04-May-05
8	EB I-40 @ PM 25	A	Pothole Repair	1A	Barstow Maintenance	05-May-05

8	SB I-15 @ PM 39.35	A	Crack Sealing	1A	Victorville Maintenance	05-May-05
8	NB I 215 @ CA 30	C	Tree Removal	2A	Slover Maintenance	05-May-05
8	EB CA 58 @ US 395	C	Shoulder Grading	2A	Beechers Corner Maintenance	05-May-05
8	EB I-10 @ I-215	D	Roadway Sweeping	1B	Slover Maintenance	05-May-05
9	Minaret Maintenance Yard	R	Snow removal	1A	McGhee Creek maintenance	25-Oct-04
9	Hwy 168 @ PM 11	C	Clean out Ditch and Drain	1A	Bishop maintenance	26-Oct-04
9	US 395 Crestview to Lee Vining	R	Snow Removal	1A	Lee Vining	26-Oct-04
9	US 395 in Olancho	M	Paint Striping	1A	Bishop maintenance	26-Oct-04
9	US 395 @ PM 5	C	Clean out Drainage punches	1A	Inyokern Maintenance	27-Oct-04
9	Inyokern Maintenance Yard	C	Removal of vacor material into decanting pit	1A	Inyokern Maintenance	27-Oct-04
9	Southbound I-395 PM MNO 7.5	R	Snow Removal-Snow Plowing	1A	Bishop	22-Mar-05
9	Southbound I-395 PM MNO 27.5	R	Snow Removal-Snow Plowing	1A	McGee Creek	22-Mar-05
9	Westbound 168 at PM 7.0	R	Ice Removal-Sand/Salt	1A	Bishop Maintenance	22-Mar-05
9	Southbound 12 at Ker PM 40.5	C	Channel Maintenance	1A	Mojave Maintenance	23-Mar-05
9	Southbound 14 at PM Ker 4.5	C	Drain cleaning with vacuum truck	1A	Bishop Maintenance	23-Mar-05
9	Southbound 14 at PM Ker 56.5	C	Shoulder Grading	1A	Inyokern	23-Mar-05
9	Northbound 395 at Owens Rest Area	R	Snow Removal-Snow Blowing	1A	Lee Vining	24-Mar-05
9	Westbound CA 203 at Sawmill Cutoff	R	Snow Removal-Snow Blowing	1A	McGee Creek	24-Mar-05
9	Northbound 395 at chain turn-out at approximately PM 8.5	D	Sweeping	1A	Bishop	24-Mar-05
9	Westbound CA-203 at PM 32.5	R	Snow Plowing	1A	McGee Creek	24-Mar-05
10	Hwy 152 Westbound @ Modota Channel Bridge	B	Concrete spall repair on bridge deck	1A	Stockton Bridge Crew	16-Dec-04
10	Hwy 99 Southbound @ Healy Road	C	Drain Cleaning with Vactor	2B	Merced MS	16-Dec-04
10	I-5 (southbound) @ Turner Road	E	Chemical Vegetation Control	1A	Stockton Landscape	13-Dec-04
10	Hwy 99 Northbound, north of Lodi	E	Chemical Vegetation Control	1B	Lodi Special Crew	13-Dec-04
10	Hwy 132 @ PM 24	C	Nonlandscape Mechanical Vegetation Control	2B	Coulterville	10-May-05
10	Hwy 99 Northbound @ Hammett Road	A	Grinding and Paving	1A	Modesto MS	16-Dec-04
10	Route 152 (eastbound) @ various locations	A	Crack Sealing Operation	1A	Los Banos MS	16-Dec-04
10	Hwy 88 @ PM 66.4	A	Crack Sealing Operation	1B	Caples Lake MS	14-Dec-04
10	Hwy 99 Southbound @ PM 19.5	E	Landscape Mechanical Vegetation Control/Mowing	2B	Modesto	10-May-05
10	Route 88 between Peddler Hill and Caples Lake MS	R	Snow Removal	1A	Peddler Hill MS	14-Dec-04
10	Hwy 4 @ Wilson Way	C	Shoulder Grading	2B	Stockton	12-May-05

10	Hwy 132 @ PM 49	A	Structural Pavement Failure (Digouts) and Paving	1B	Modesto	12-May-05
10	Hwy 108 (McHenry Ave) between Helen Ave and W. Fairmont	A	Structural Pavement Failure (Digouts) Pavement Grinding and Paving	1A	Modesto	13-May-05
10	Interstate 5 (southbound) @ PM 27.95	A	Asphalt Paving	1A	Stockton MS	13-Dec-04
10	Hwy 49 & Hwy 16 Junction	F	Chemical Vegetation Control	1B	Lodi	13-May-05
10	Hwy 99 (northbound) @ Acampo Rd.	C	Fence Repair	1A	Stockton	13-May-05
10	Hwy 99 northbound @ Hammer Lane	E	Tree and Shrub Removal	1B	Modesto	13-May-05
10	Hwy 99 (northbound) @ South Ave Exit	A	Asphalt Cement Crack and Joint Sealing	1A	Merced	12-May-05
10	District Shop at Albee St and 15th St.	E	Manual Vegetation Control	2B	Eureka	24-May-05
11	Beyer Blvd. UC at I-905	S	Slide Repair	1A	Chula Vista Maintenance	16-Nov-04
11	Kearny Mesa Yard	A	Grind and Pave Asphalt Pavement	1A	Kearny Mesa Maintenance	16-Nov-04
11	I-5 NB Palomar off ramp	E	Tree Trimming	1A	Kearny Mesa Maintenance	16-Nov-04
11	NB I-805 at El Cajon off ramp	E	Tree and Shrub Removal	1A	Imperial/Otay/Camino Del Rio	16-Nov-04
11	NB I-805 at El Cajon off ramp	F	Roadside Stabilization	1A	Imperial/Otay/Camino Del Rio	16-Nov-04
11	CA 78 at Seventh Street	M	Pavement Marker Stenciling	1A	Kearny Mesa Maintenance	17-Nov-04
11	CA 79 at PM 7.5	C	Shoulder grading	2B	Descanso Maintenance	17-Nov-04
11	WB I-8 at El Cajon Blvd. Off ramp	M	Repair Guardrail	1A	Chula Vista Maintenance	17-Nov-04
11	WB CA 52 to I-5 connector	M	Sign Replacement	1A	Kearny Mesa Maintenance	17-Nov-04
11	Kenwood Avenue on ramp to WB CA 94	C	Tree Trimming	1A	Santee Maintenance	18-Nov-04
11	CA 67 at Prospect Avenue	H	Bridge Repair and Welding	1A	Kearny Mesa Maintenance	18-Nov-04
11	EB I-8 @ PM 19.0	C	Shoulder Grading	1A	Santee Maintenance	14-Jun-05
11	NB CA 75 @ Toll Plaza	C	Tree Trimming	1A	Kearney Mesa	14-Jun-05
11	NB CA 75 @ National Off Ramp	E	Landscaped Mechanical Vegetation Control	1A	Imperial Maintenance	14-Jun-05
11	EB I-8 @ Kitchen Creek off ramp	M	Paint Stripping and Marking	1A	Kearny Mesa	14-Jun-05
11	NB CA 75 @ National Off Ramp	M	Repair Water Crash Attenuator	2A	Coronado maintenance	14-Jun-05
11	NB I-5 @ Palm Drive on ramp	C	Nonlandscaped Mechanical Vegetation Control	1A	Otay maintenance	15-Jun-05
11	WB I-8 @ College Avenue off ramp	E	Manual Vegetation Control/Weeding	1A	Camino Del Rio South	15-Jun-05
11	NB 805 @ Imperial Avenue	D	Shoulder Sweeping	1A	Kearny Mesa	15-Jun-05
11	NB I-5 @ PM 70.00	A	AC paving	1A	Carlsbad	16-Jun-05
11	NB I-5 @ PM 70.00	A	AC grinding	1A	Carlsbad	16-Jun-05
12	SB I-5 north of Sand Canyon Avenue	A	Pavement Grinding and Paving	1A	Orange Region	08-Mar-05

12	NB 405 south of Jamboree Road	M	Median Repair	1A	Orange Region	08-Mar-05
12	NB CA-241 north of toll plaza	A	Asphalt Paving	1A	Sand Canyon Toll Road Maintenance	08-Mar-05
12	NB I-405 at Sand Canyon Avenue	A	Pavement Grinding	1A	Costa Mesa	08-Mar-05
12	EB CA-22 at Bolsa Chica Road	E	Nonlandscape Tree and Shrub Pruning	1A	Bolsa Chica Yard	09-Mar-05
12	NB CA-57 south of Lambert Road	E	Landscape Tree and Shrub Pruning	1A	Sand Canyon-Marine Way	09-Mar-05
12	SB I-405 south of Westminster Blvd.	E	Chemical Vegetation Control	1A	Costa Mesa	09-Mar-05
12	WB CA-91 west of Tustin Avenue	M	Median Repair	1A	Orange Region	09-Mar-05
12	NB 241 north of Irvine Toll Plaza	E	Nonlandscape Mechanical Vegetation Control/Mowing	1A	Sand Canyon-Marine Way	09-Mar-05
12	Northbound 405 at Beach Blvd Overchange	A	Joint Sealing with 2-part epoxy	1A	Batavia Maintenance	12-Apr-05
12	Eastbound CA 91 at Knott Avenue on-ramp	C	Fence Repair	1A	Batavia Maintenance	12-Apr-05
12	Northbound 405 at Brookhurst North off-ramp	E	Manual Vegetation Control-weeding	1A	Costa Mesa	12-Apr-05
12	Westbound CA 91 at Valley View overchange	S	Erosion Repair	1A	Stanton Maintenance	12-Apr-05
12	Southbound CA 39 at 18th Street	M	Thermoplastic Stripping and Marking	1A	Batavia Maintenance	12-Apr-05
12	Northbound I-5 at Oso Parkway	D	Sweeping Operation	2B	San Juan Capistrano	12-Apr-05
12	Eastbound CA-133 west of Irvine Blvd.	C	Tree Pruning	1A	Irvine Maintenance	13-Apr-05
12	Westbound CA-55 at southbound I-5 connector	M	Guard Rail Repair	2B	Batavia Maintenance	13-Apr-05
12	Northbound CA-241 at Antonio Parkway	M	Thermoplastic Stripping and Marking	1A	Batavia Maintenance	13-Apr-05
12	Westbound CA-91 at Tustin Avenue	C	Shoulder Mowing	1A	Brea Maintenance	13-Apr-05
12	Southbound CA-241 north of Santa Margarita Way	C	Shoulder Mowing	1A	Toll Road South, Irvine	13-Apr-05

ATTACHMENT B

MAINTENANCE ACTIVITY COMPLIANCE REVIEW

RATING GUIDELINES AND PROCEDURES

Maintenance Activity Compliance Review Rating Guidelines and Procedures

The numeric rating criteria are as follows:

- 1 Rating** The activity is in compliance with Storm Water Management Plan (SWMP) requirements.
- No observed activities that contribute to a non-storm water discharge.
- 2 Rating** Minor deficiencies noted. The activity is in compliance with SWMP requirements.
- Minor housekeeping problems (e.g., some areas need sweeping, some litter; small fluid spots need cleanup and removal).
 - Minor waste management and storage problems (e.g., solid waste storage inadequate or exposed during rainfall).
- 3 Rating** Major deficiency noted that require prompt correction. District Maintenance Storm Water Coordinator and Headquarters Maintenance Storm Water personnel are notified.
- Potential non-storm water discharge.
 - Evidence of a prior non-storm water discharge that has not been completely cleaned up.
 - Multiple deficiencies described in the “2” rating, which cannot be corrected immediately.
- 4 Rating** Critical deficiency noted that require immediate correction. District Maintenance Storm Water Coordinator, District Managers, Environmental, and Headquarters Maintenance Storm Water personnel are notified.
- Observed non-storm water discharge.

Note: For ratings of 3 or 4, comments are required on the Review Summary Sheet describing the deficiencies.

The letter rating criteria are as follows:

- A Rating** Overall implementation of BMPs is highly effective.
- BMPs are implemented and maintained in good condition.
 - Some minor deficiencies with the implemented BMPs
- B Rating** Overall implementation of BMPs is moderately effective.
- Some BMPs are not fully or properly maintained.
 - Improper implementation of some BMPs.
 - Some BMPs have not been installed.
- C Rating** Major and critical deficiencies in the overall implementation of BMPs.
- Many BMPs improperly installed.
 - BMPs have failed due to non-maintenance.
 - Many BMPs not implemented or installed.

ATTACHMENT C

**CALTRANS MAINTENANCE ACTIVITY
STORM WATER COMPLIANCE REVIEW CHECKLIST**

Caltrans Maintenance Site Storm Water Compliance Review Checklist									
District:		Weather Conditions:		Date:		Overall Activity Rating*			
Location:									
Family of Activity:									
Description of Activity:									
Supervisor/Lead Worker:				Phone No:					
Maintenance Facility Assigned to:									
Inspector(s):				Phone No:					
Attendees:									
Date of last BMP Tailgate Meeting for this Activity:					Documented: Yes No				
Recommend Additional Training for this Activity:				Yes No					
BMP	CRITERION					BMP RATING*	COMMENT NUMBER(S)		
General BMPs	BMPs generally applicable to all maintenance activities, such as scheduling, spill prevention and control, sanitary/septic waste management, material use, vehicle/equipment cleaning, fueling, and maintenance, illicit connection, illegal spill discharge control, and housekeeping								
A Family - Flexible Pavement	Asphalt Cement Crack and Joint Grinding/Sealing; Asphalt Paving; Structural Pavement Failure (Digouts) Pavement Grinding and Paving; Emergency Pothole Repair; and Sealing Operations								
B Family - Rigid Pavement	Portland Cement Crack and Joint Sealing; Mudjacking and Drilling; and Concrete Slab and Spall Repair								
C Family - Slope/Drain/Vegetation	Shoulder Grading; Nonlandscape Chemical Vegetation Control; Nonlandscape Mechanical Vegetation Control/Mowing; Nonlandscape Tree and Shrub Pruning, Brush Chipping, Tree and Shrub Removal; Fence Repair; Drainage Ditch and Channel Maintenance; Drain and Culvert Maintenance, and Curb and Sidewalk Repair								
D Family - Litter/Debris/Graffiti	Sweeping Operations; Litter and Debris Removal; Emergency Response and Cleanup Practices; and Graffiti Removal								
E Family - Landscaping	Chemical Vegetation Control; Manual Vegetation Control; Landscape Mechanical Vegetation Control/Mowing; Landscape Tree and Shrub Pruning, Brush Chipping, Tree and Shrub Removal; Irrigation Line Repair; and Irrigation								
F Family - Environmental	Storm drain stenciling; Roadside Slope Inspection; Roadside Stabilization; Storm Water Treatment Devices; and Traction Sand Trap Devices								
H Family - Bridges	Welding and Grinding; Sandblasting, Wet Blast (sand injection) and Hydroblasting; Painting; Bridge Repairs, and Draw Bridge Maintenance								
J Family - Other Structures	Pump Station Cleaning; Tube and Tunnel Maintenance and Repair; Ferryboat Operations, Tow Truck Operations, and Toll Booth Lane Scrubbing Operations								
K Family - Electrical	Sawcutting for Loop Installation								
M Family - Traffic Guidance	Thermoplastic Stripping and Marking; Paint Stripping and Marking; Raised/Recessed Pavement Marker Application and Removal; Sign Repair and Maintenance; Median Barrier and Guard Rail Repair; and Emergency Energy Attenuator Repair								
R Family - Snow and Ice Removal	Snow removal, and Ice Removal								
S Family - Storm Maintenance	Minor Slides and Slipouts Cleanup/Repair								
*Description of Rating									
1	The site is in compliance with the Storm Water Management Plan (SWMP).								
2	Minor deficiencies noted. The site is in compliance with the SWMP.								
3	Major deficiency. Prompt correction required. A BMP tailgate meeting will be conducted by _____								
4	Critical deficiency. Immediate correction required. A BMP tailgate meeting will be conducted by _____								
A	Overall implementation of BMPs is highly effective.								
B	Overall implementation of BMPs is moderately effective.								
C	Major and critical deficiencies in overall implementation of BMPs.								